don't panic

don't panic

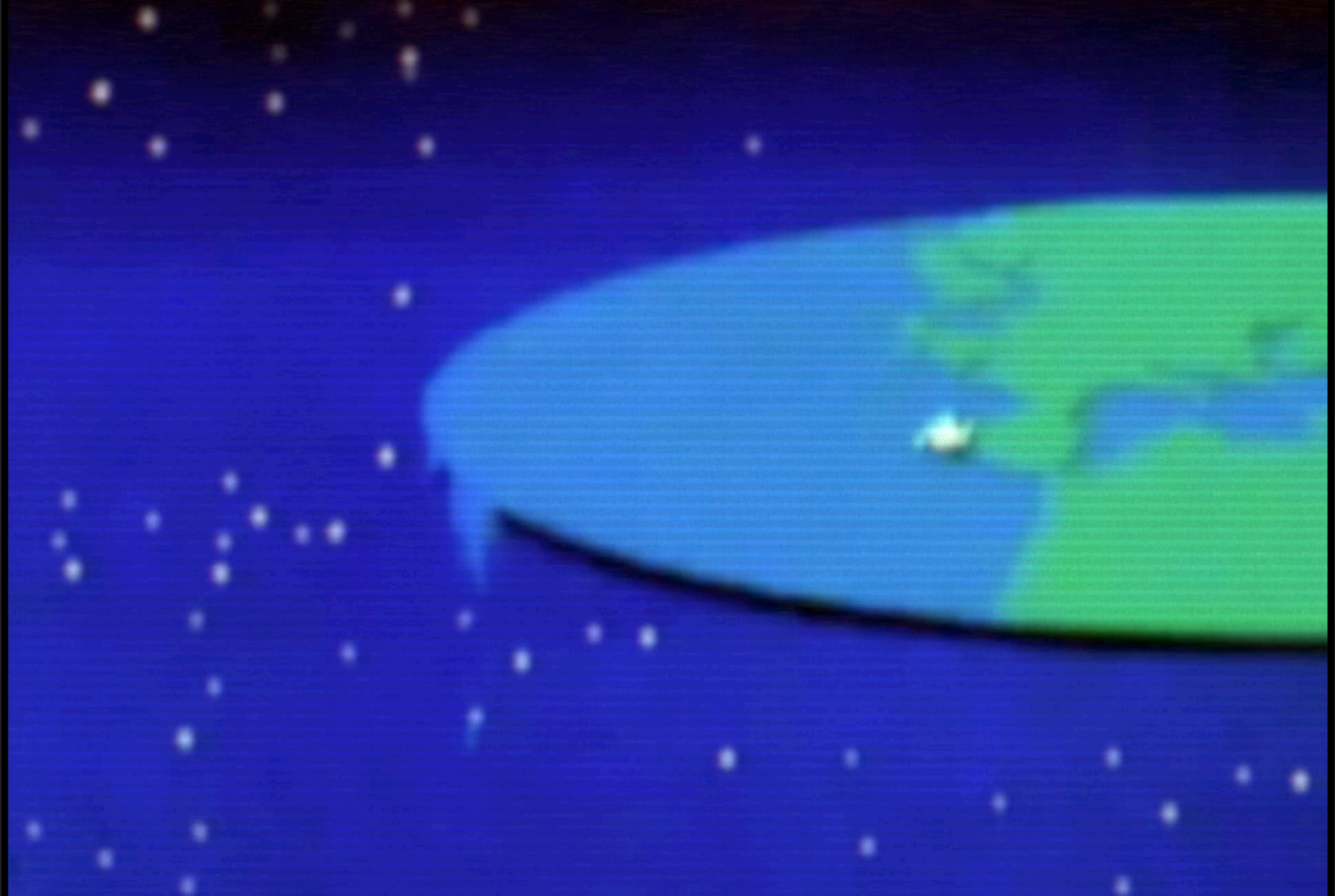
don't panic

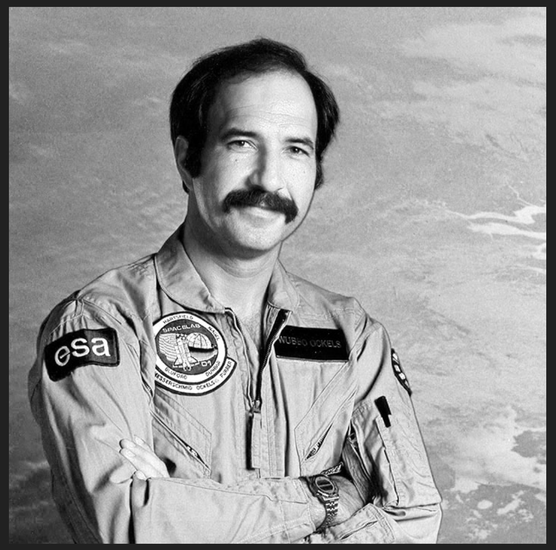
don't panic

don't panic

chriet titulaer

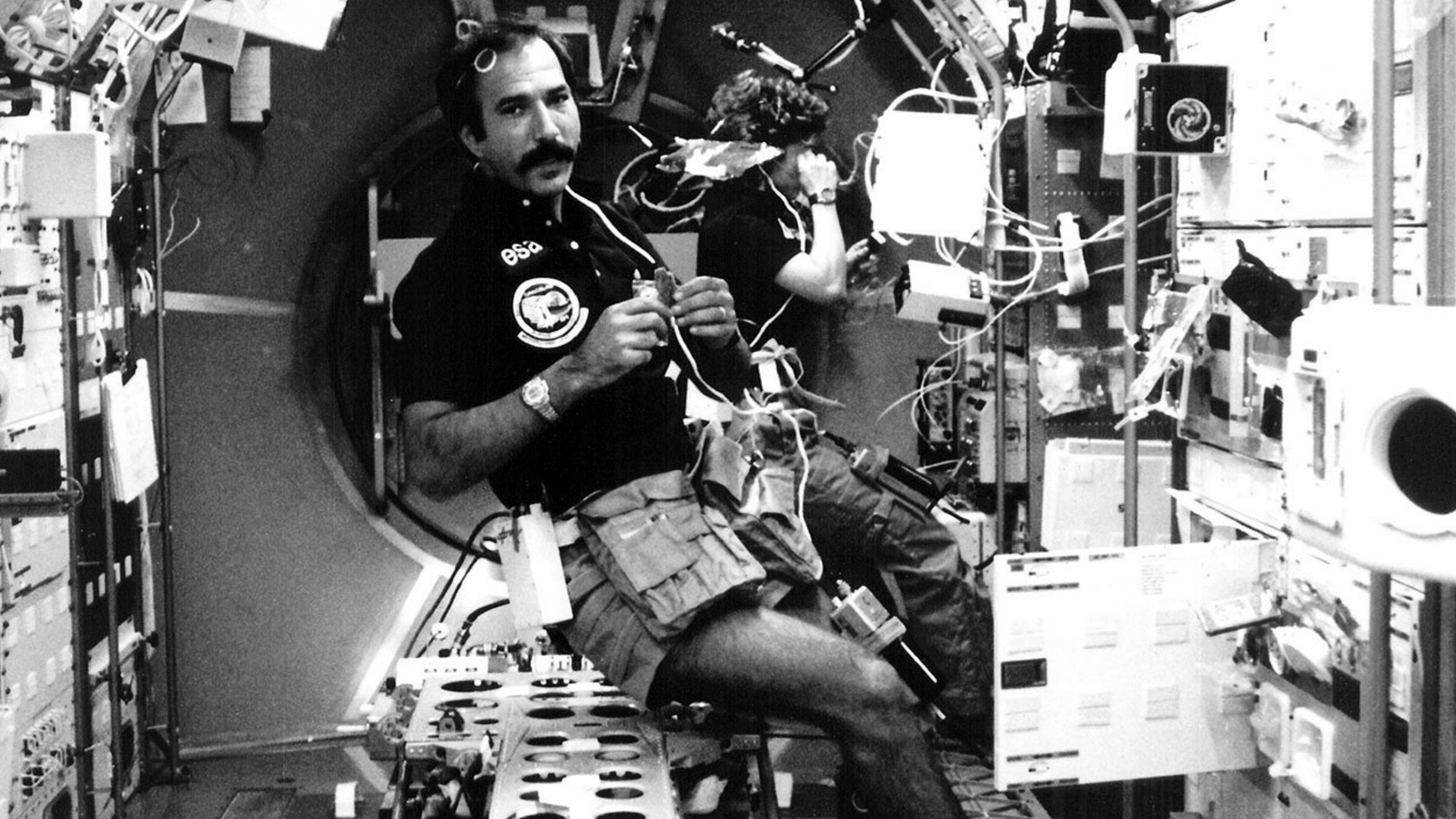
1943 — 2017

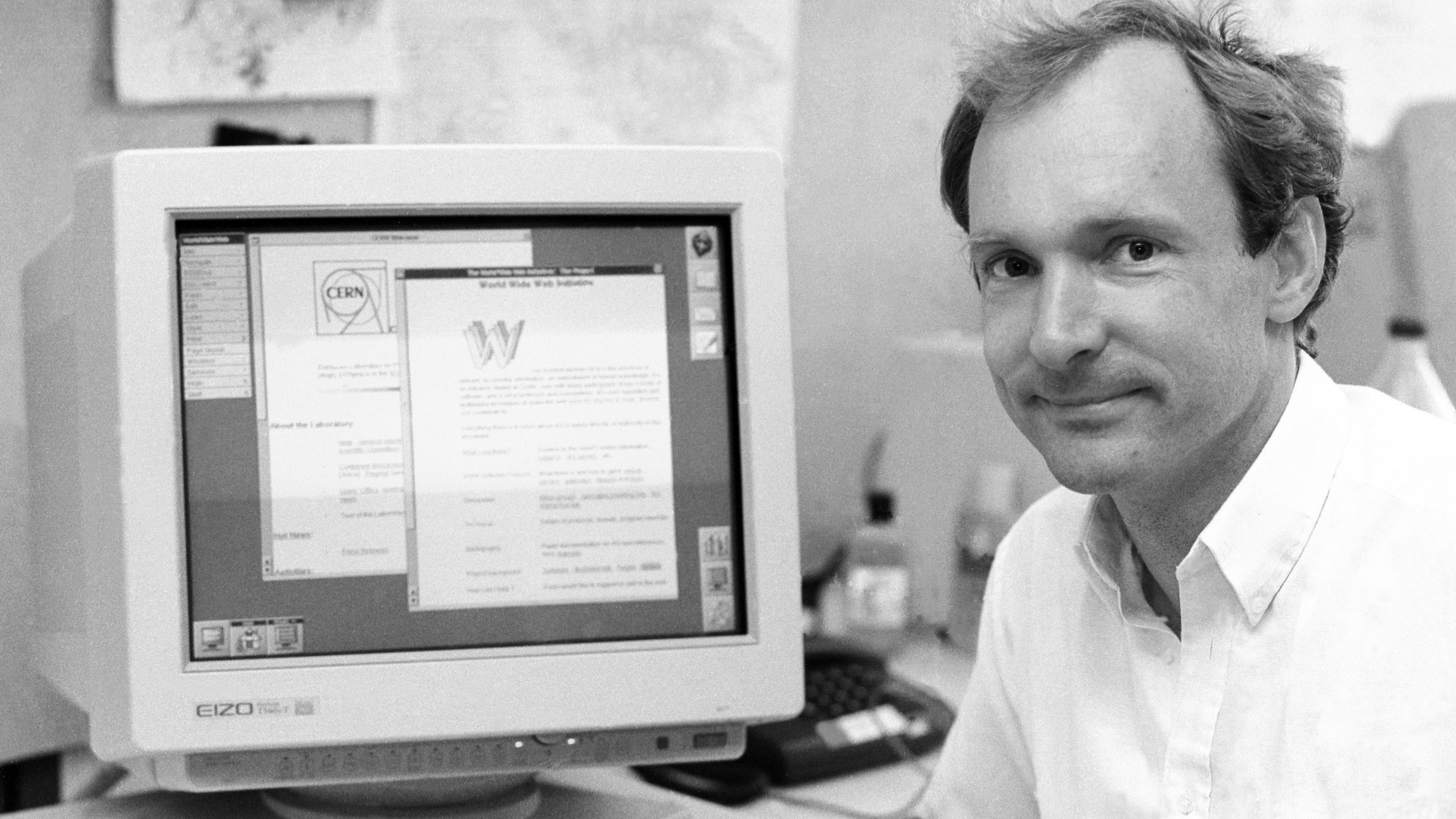


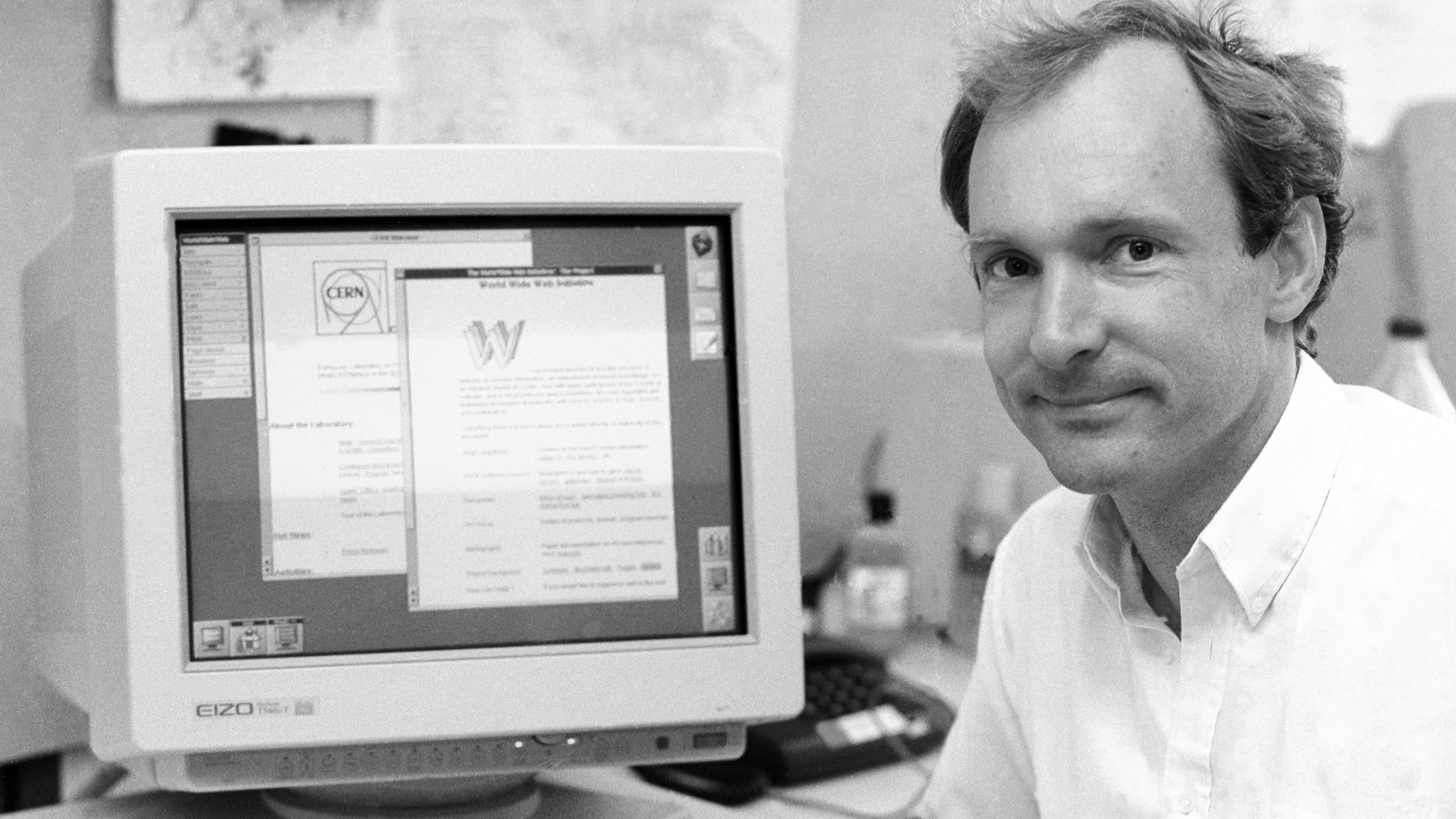


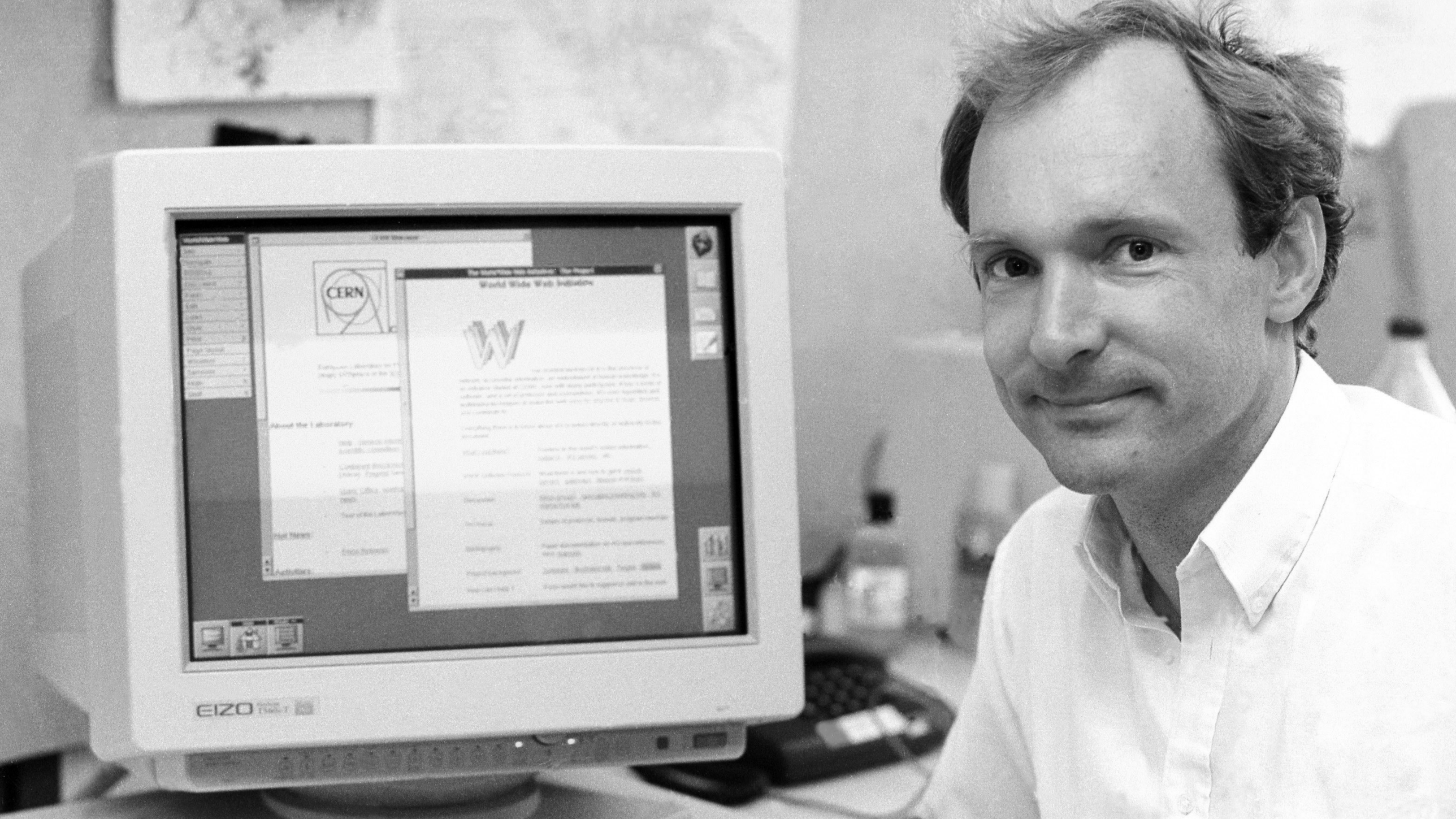
wubbo ockels

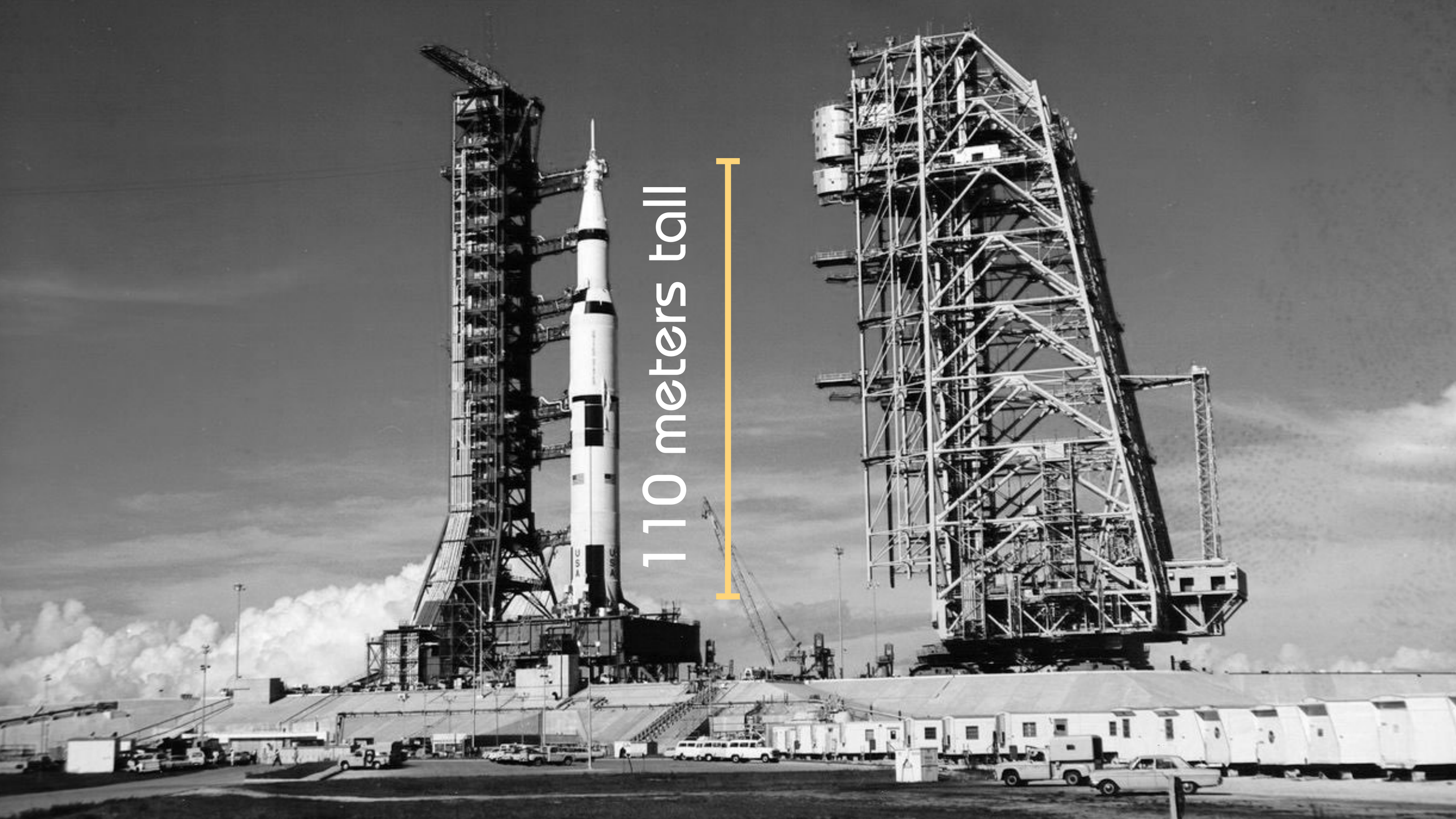
1946 — 2014

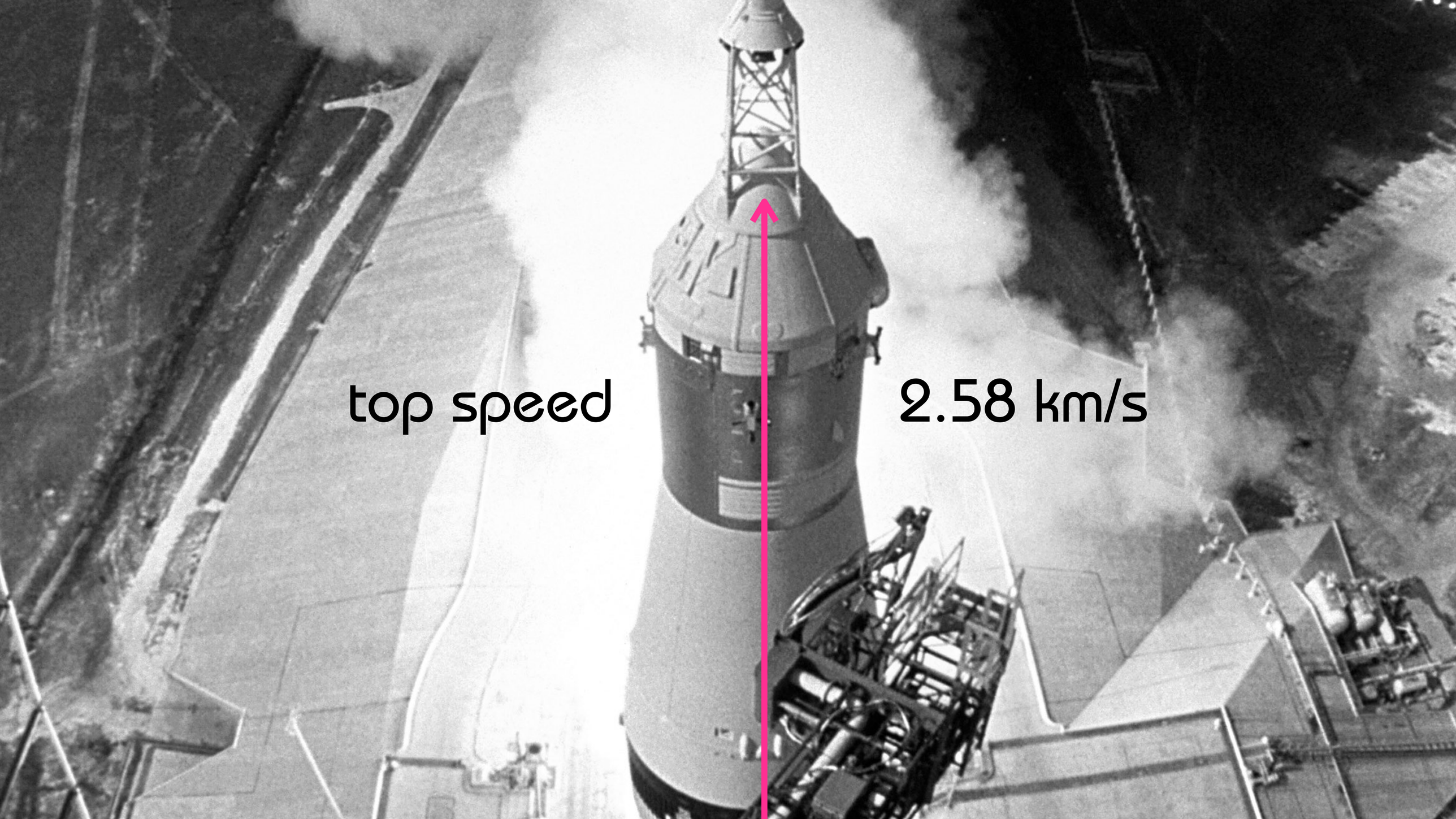

esa

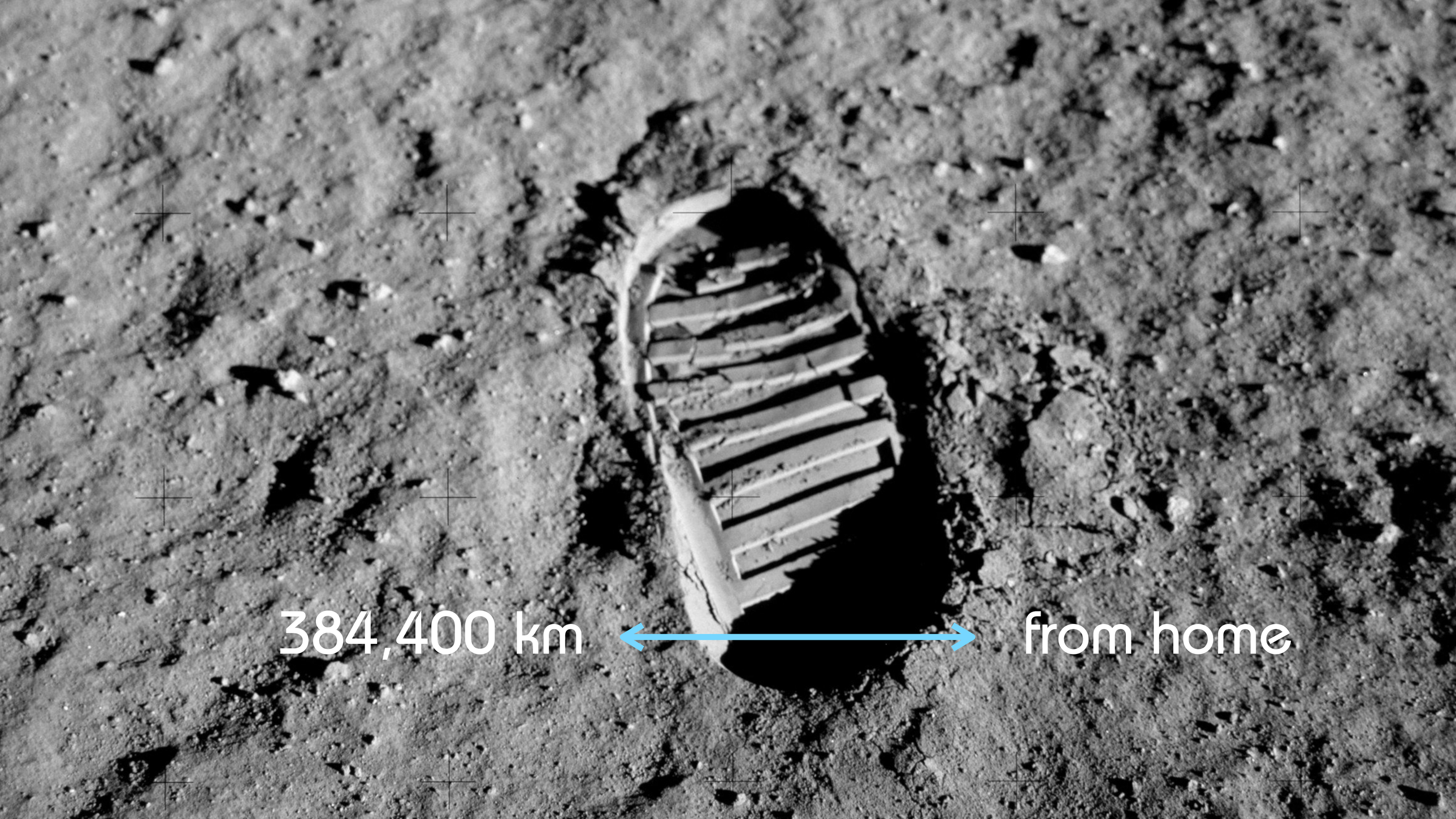

CERN
World Wide Web Initiative
EIZO


CERN
World Wide Web Initiative
EIZO

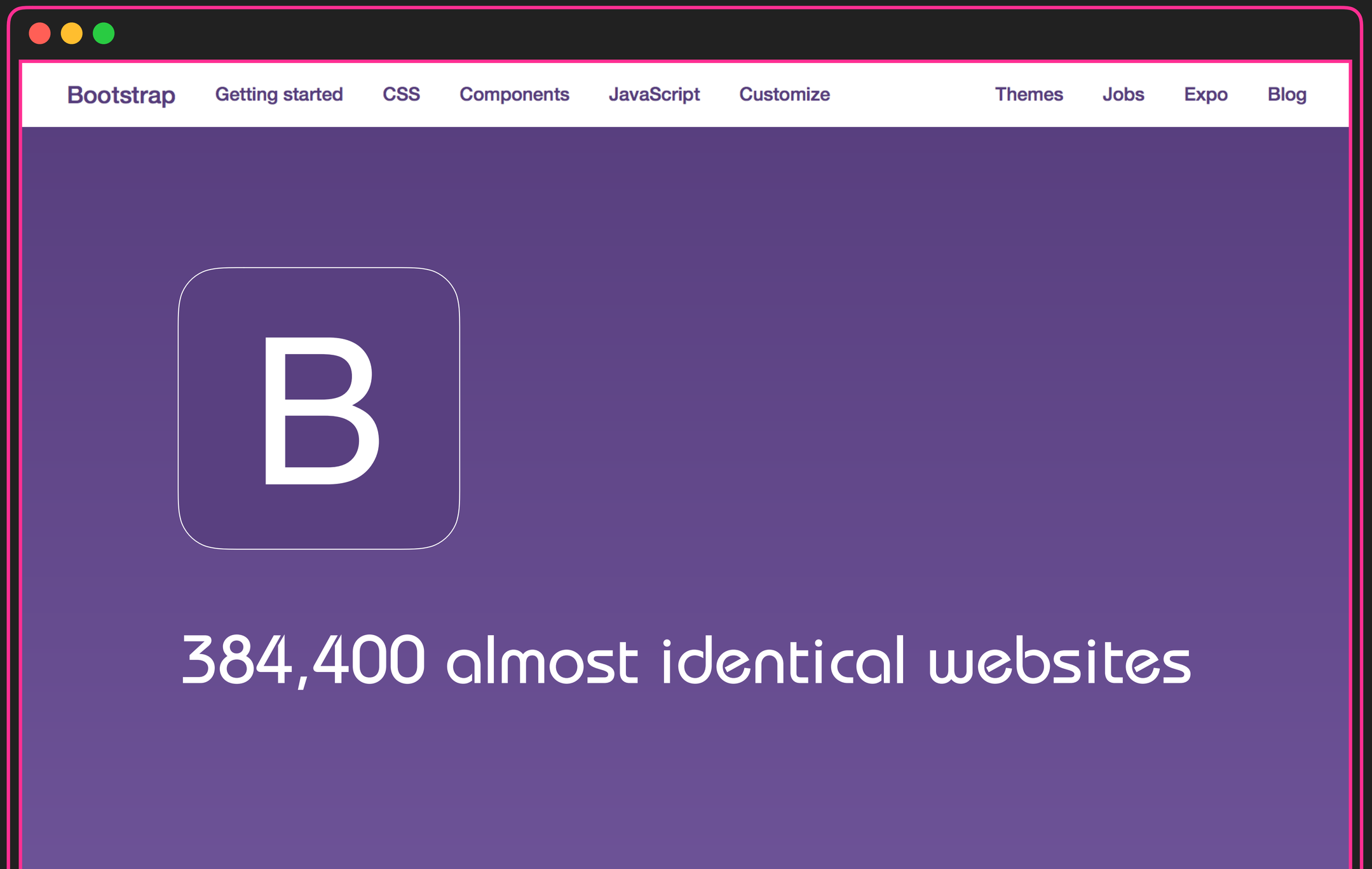

CERN
World Wide Web Initiative
EIZO


110 meters tall


top speed
2.58 km/s


384,400 km
from home

384,400


Bootstrap
Getting started
CSS
Components
JavaScript
Customize
Themes
Jobs
Expo
Blog
B
384,400 almost identical websites

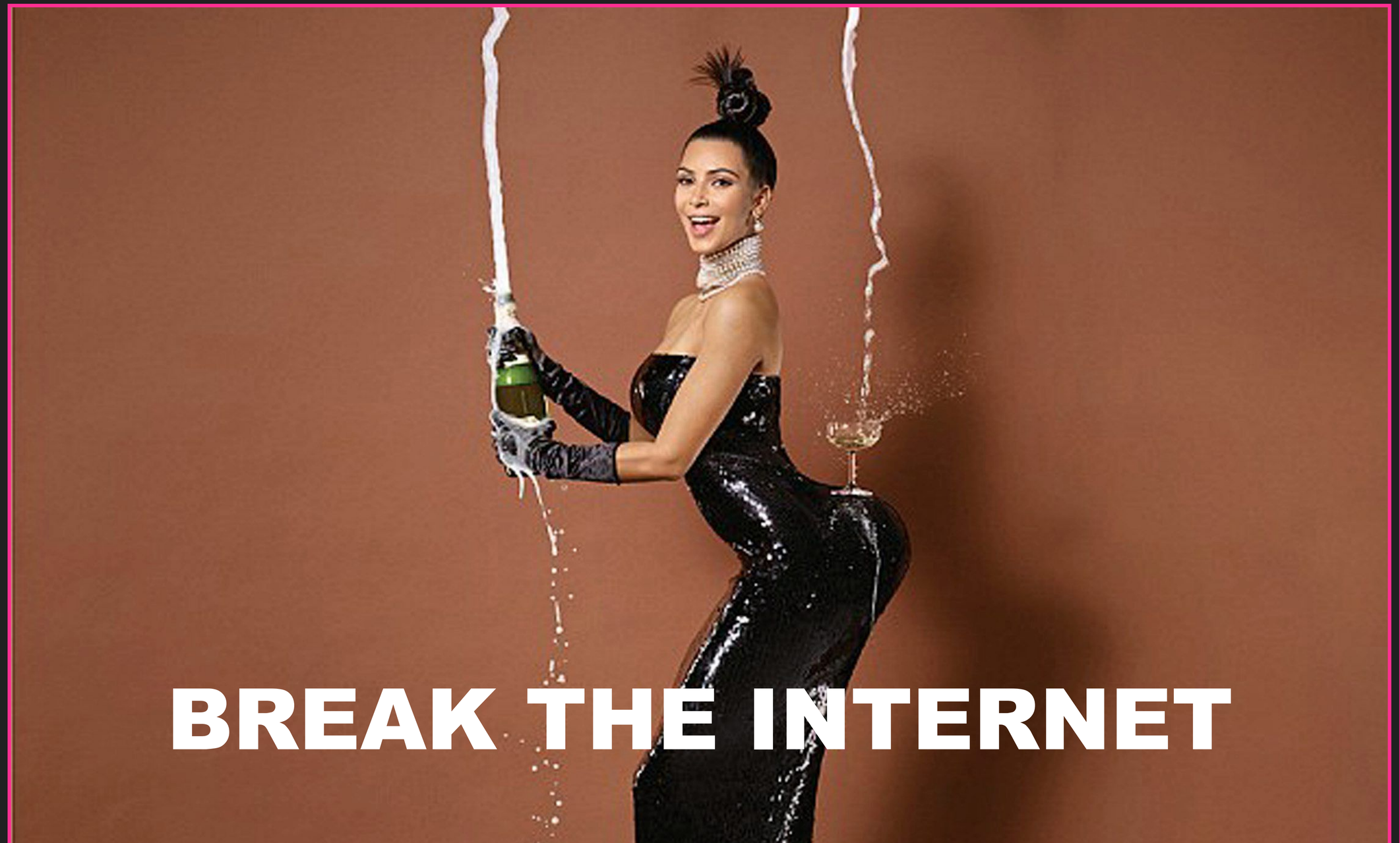
The Death of Creativity

Forget global warming. Ignore the endanged species of the earth. Don't worry too much about the disappearing clean water sources or park lands across the country.

Hands down one of the most dangerous issues affecting our planet today, is the death of creativity and the human imagination.

Gone are the days when children, teens and adults basked in the glory that is mother nature. Road trips that were once consumed by what was seen passing by at 60mph are replaced by glowing screens and the urge to reach the destination faster.

Faster. Give your four year old a leappad or an iPad so they can improve their reading, spelling, comprehension. Waiting for the doctor? Antsy kid? Hand them a device!


BREAK THE INTERNET

THE WEB IS DEAD. LONG LIVE THE INTERNET

WIRED

ZDNet

Flash is dead. Long live HTML5.

A Web Developer Speaks: Flash Player is Dead. HTML5 isn't ready. Long live AIR!

PANDO

This is how Google is killing the Web

The Web Is Dying; Apps Are Killing It

THE WALL STREET JOURNAL.

Welcome to hell: Apple vs. Google vs. Facebook and the slow death of the web

THE VERGE

WAIT! THE WEB ISN'T DEAD AFTER ALL. GOOGLE MADE SURE OF IT

WIRED

The Future of the Internet Isn't the Web

Contently

Forbes

The Death Of Mobile Is Coming! Smartphones Are Over! Apps Are Dead!

IS AD BLOCKING KILLING THE WEB?

Ad blockers aren’t killing the web; ad networks are killing the web

Apps Are Dead: It's All About Channels in 2017

ADWEEK

Kill Google AMP before it KILLS the web

Trust, independence, credibility – we've heard of those

The Register®
Biting the hand that feeds IT

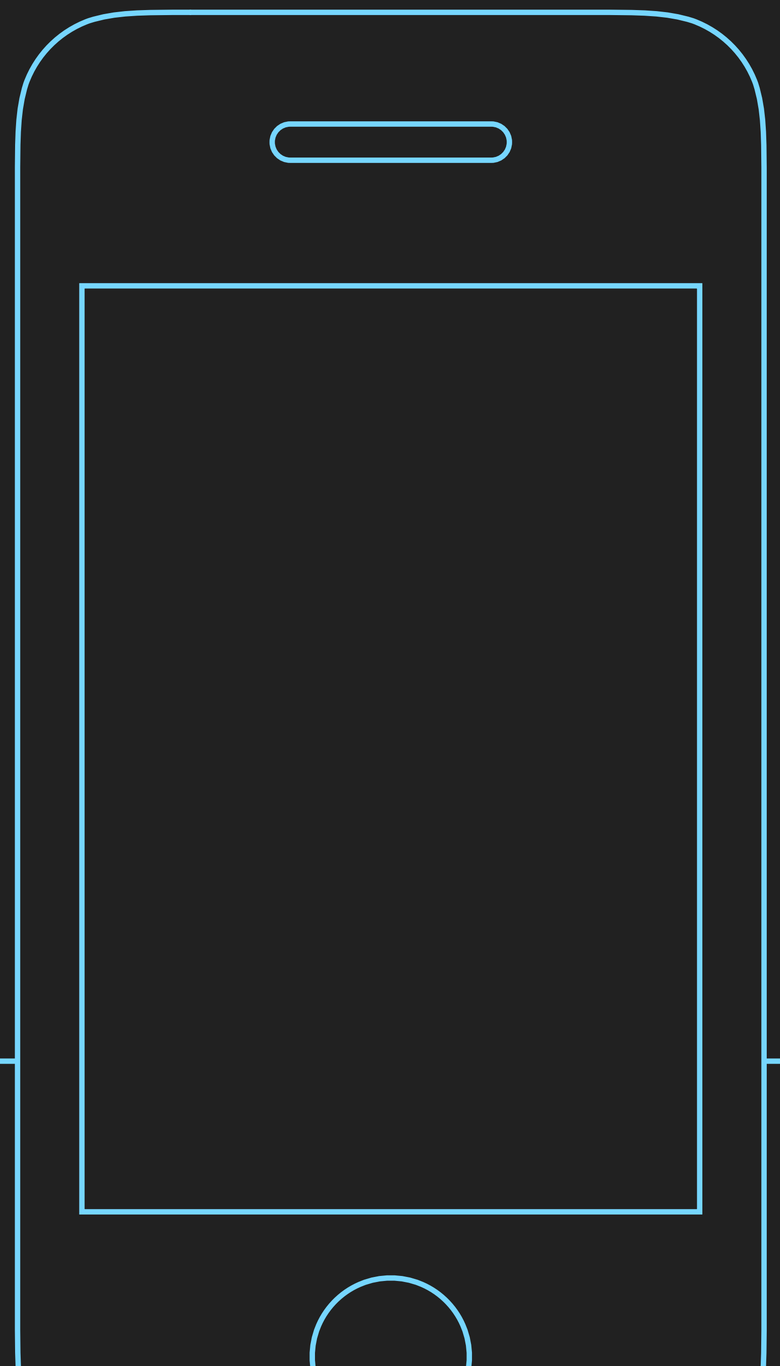
Native Mobile apps are dead: Build a bot or Progressive Web app

always bet
on the web

the golden age of frontend development

platforms

platforms



platforms

Fido 3G
3:46 AM
WPtouch
Search
Menu
10
Jul
18
WordPress On iPhone
Author: WPtouch User
Categories: fakeone, faketwo, testing
Tags: bravenewcode, test, video, youtube
28
Apr
12
WPtouch: WordPress iPhonified
Author: Duane Storey
Categories: Duane-Storey
Tags: bravenewcode, plugins, themes, wordpress, wptouch
12
Apr
5
WordPress Rocks
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Categories: Duane-Storey
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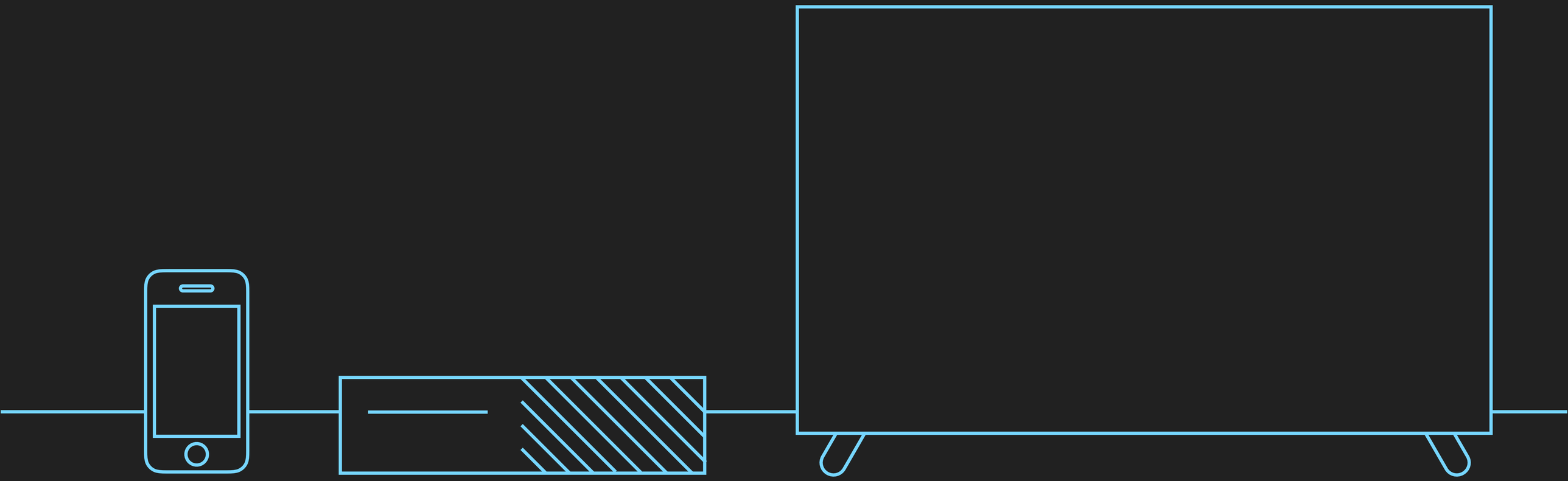
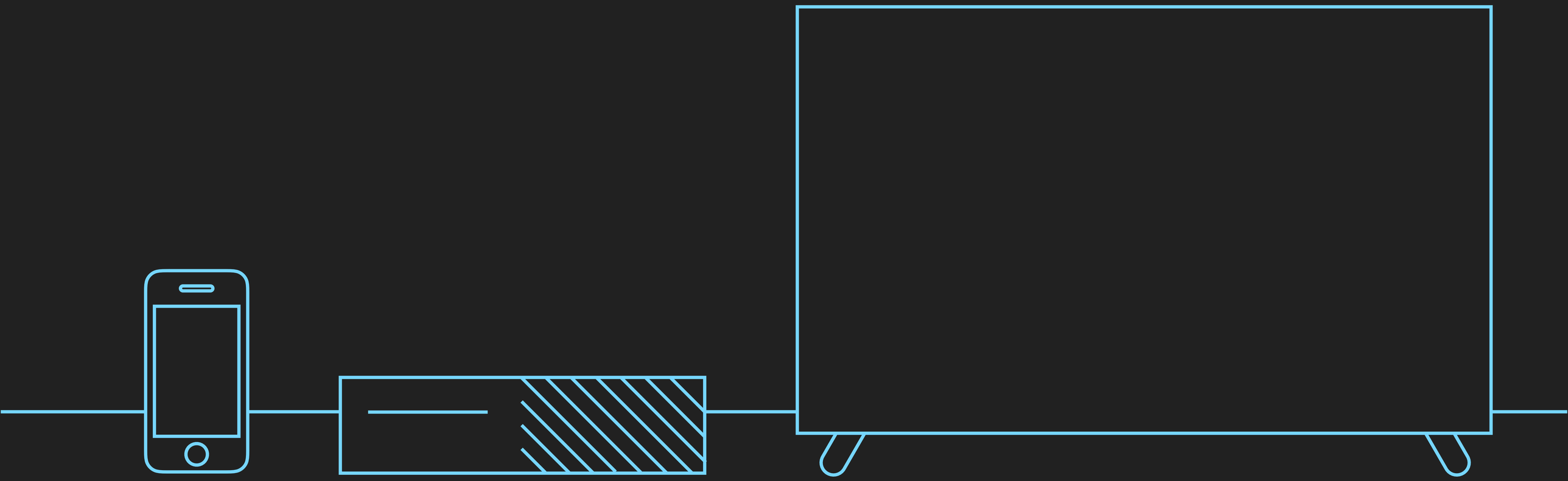
2
Apr
On My Way

platforms

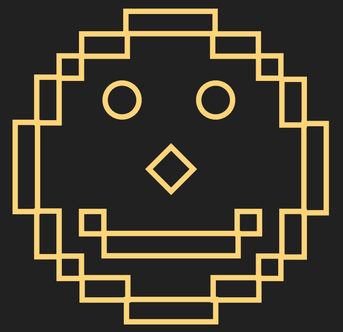
platforms



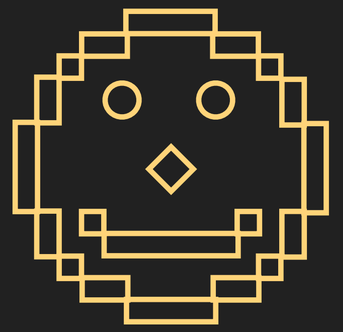
platforms



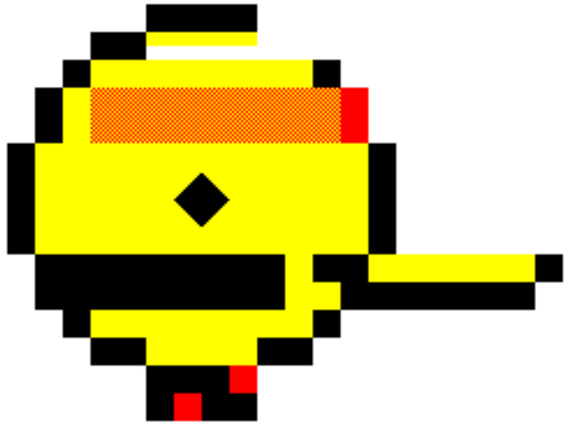
compatiblity



compatiblity



Hello World!



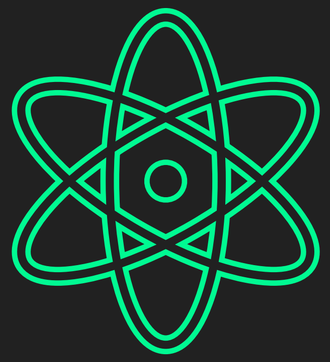
About Mozilla Firefox
Firefox
version 2.0.0.11
©1998-2007 Contributors. All Rights Reserved. Firefox and the Firefox logos are trademarks of the Mozilla Foundation. All rights reserved. Some trademark rights used under license from The Charlton Company.
Mozilla/5.0 (Windows; U; Windows NT 6.0; en-US; rv:1.8.1.11) Gecko/20071127 Firefox/2.0.0.11

Hello World!

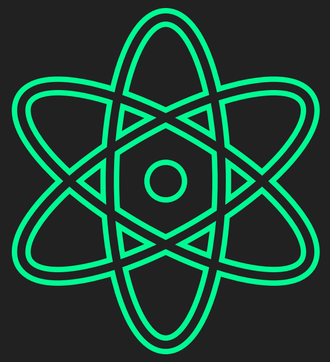
About Internet Explorer
Windows
Internet Explorer 7
Version: 7.0.6001.17052
Cipher Strength: 256-bit
Product ID: 89576-009-7594197-71761
Update Versions:0
Warning: This computer program is protected by copyright law and international treaties. Unauthorized reproduction or distribution of this program, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law.
©2006 Microsoft Corporation
OK

developer tools

frameworks

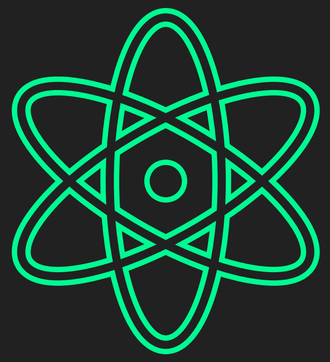


frameworks



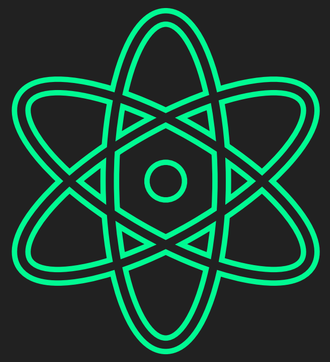
dhtml

frameworks



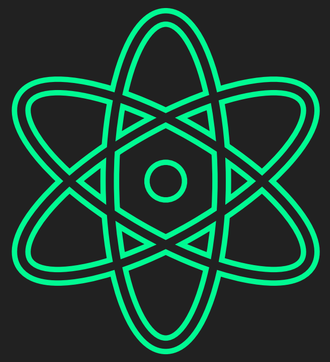
prototype

frameworks



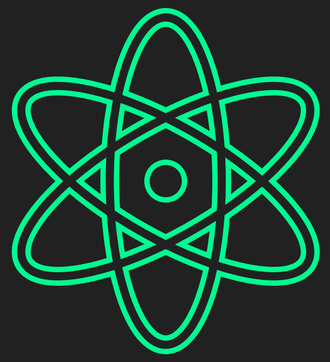
mootools

frameworks



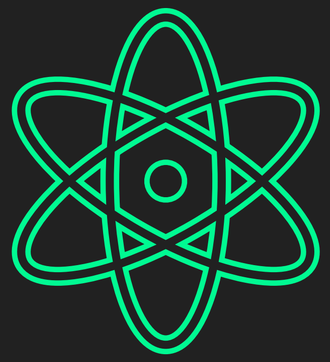
jquery

frameworks



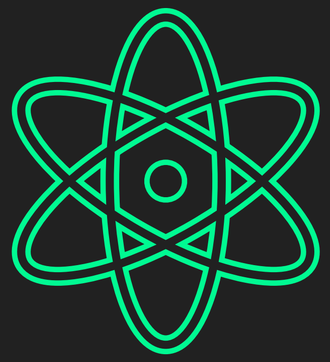
yui

frameworks



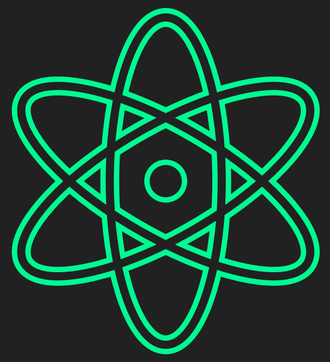
dojo

frameworks



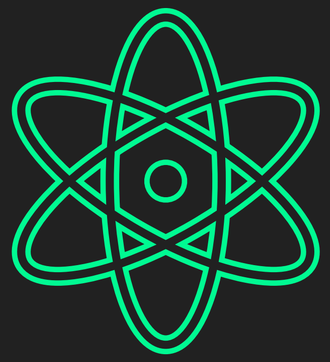
ext

frameworks



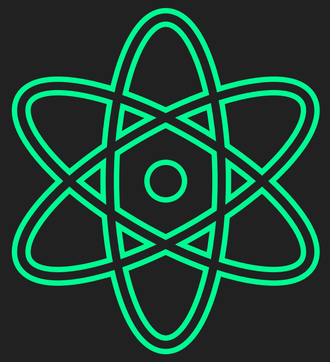
flex

frameworks



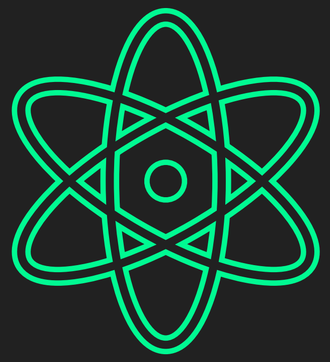
flex?

frameworks



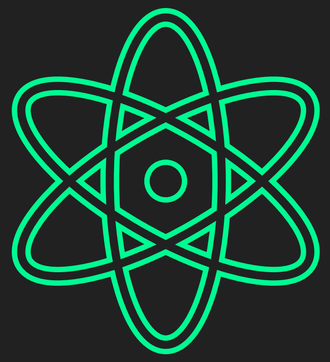
~~flex~~

frameworks



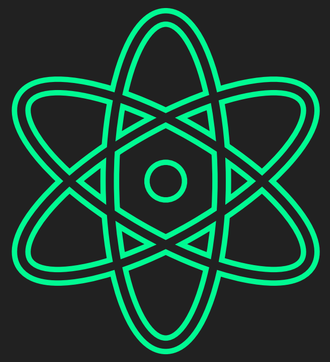
unified

frameworks



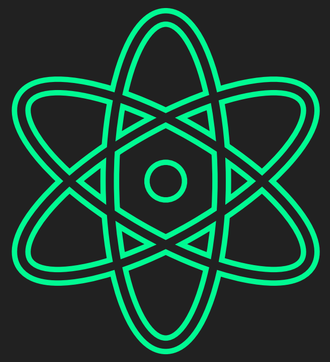
amber.js

frameworks



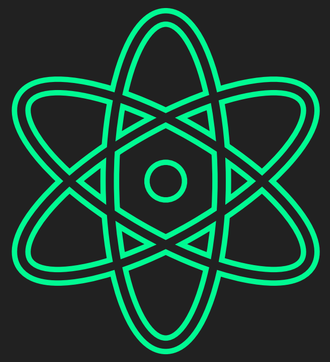
bootstrap

frameworks



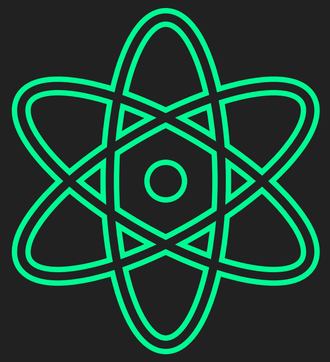
backbone.js

frameworks



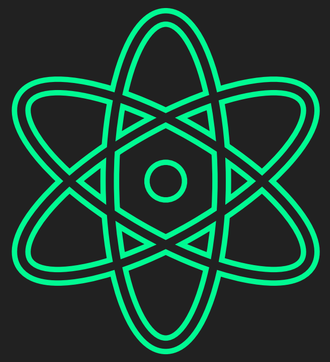
nuclear.js

frameworks



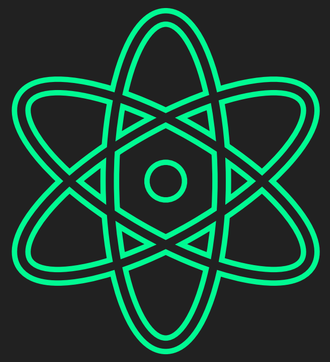
knockout.js

frameworks



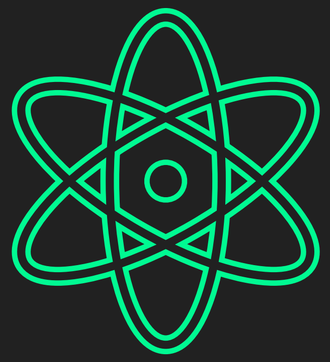
angular-js

frameworks



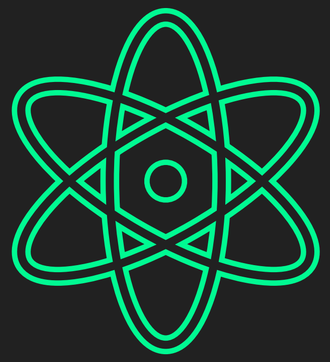
angular 2

frameworks



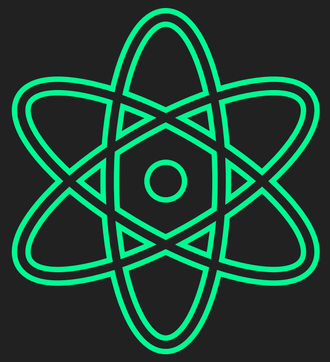
sencha touch

frameworks



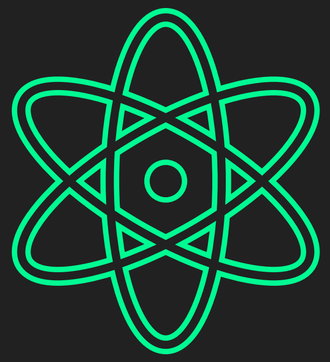
vanilla js

frameworks



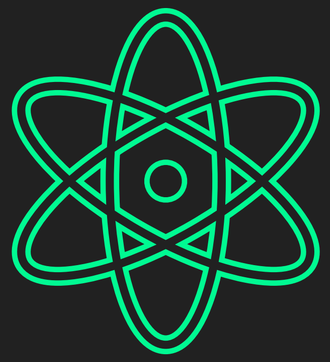
polymer

frameworks



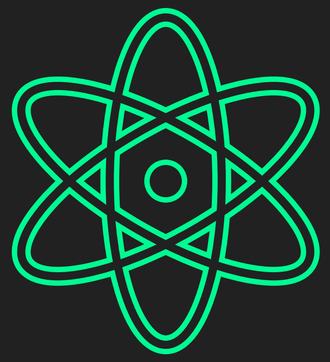
react

frameworks



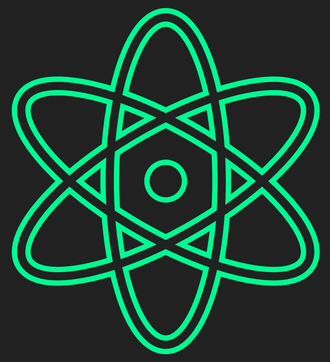
preact

frameworks



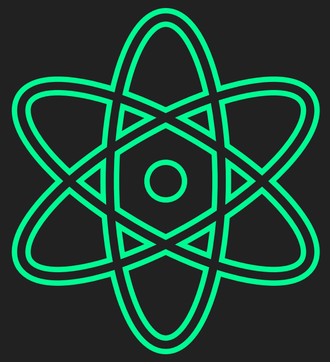
vue

frameworks



hyperhtml

frameworks



features

features

features

dom

html tokeniser and tree builder, svg without plugins and inline in html5, custom elements, shadow dom and templates

features

elements

new semantic elements like section, nav, article, aside, header, footer and more, new form fields types for search, telephone numbers, urls, email, dates, month, week, time, number, range and color

features

video

the video element, subtitles, track selection,
video streaming and drm plugins

features

audio

the audio element, generating audio using
web audio, speech recognition and
speech synthesis

features

- ## graphics

  responsive images, improvements to canvas, web animation, requestanimationframe, webgl and webvr

features

- storage

  web sql database and indexeddb

features

network

server send event, beacon, fetch, web sockets, streams, webrtc, peer to peer messaging, csp and sub resource integrity

features

devices

gamepad control, pointer lock, access to the webcam, device motion, device orientation, sensor api, web bluetooth and web usb

features

- offline support

  service workers, cache api, push messages

features

scripting

mutations observer, url api, encoding api,
modules, classes, arrow functions, promises,
template strings, typed arrays,
internationalisation, async and await

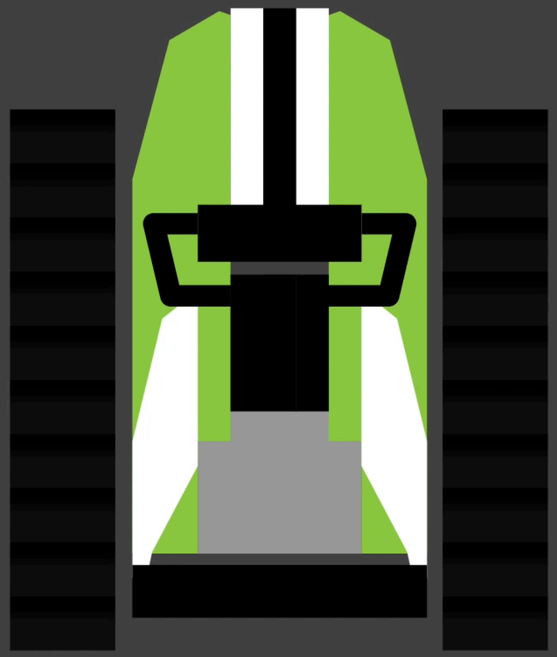
features

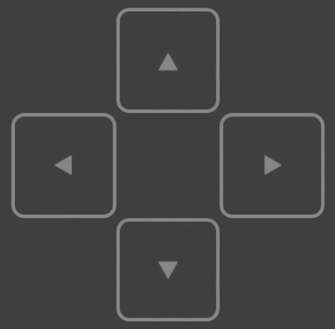
CSS

gradients, transforms, transition, animations, shadow, fonts, media queries, selectors, flex box, grid

features

KEEP
CALM





goodbye
internet
explorer

internet explorer
is a good browser

internet explorer 6
is a good browser

internet explorer 6
is a great browser

internet explorer 6 is a great browser

(15 years ago)

it's okay to build
a website that
doesn't work without
javascript

the tinfoil hat approach to javascript

the tinfoil hat
approach to
javascript

developers,
developers,
developers

the tinfoil hat
approach to
javascript

developers,
developers,
developers

the tinfoil hat
approach to
javascript

developers,
developers,
developers

progressive enhancement

Panic Inc.

TRANSMIT 5

Try it ⬇

Buy it 💳

60 FPS (54-60)
Controls
Settings

a bad
user experience
is just bad

a bad
user experience
is just bad

a bad
user experience
is just bad

it's okay to build
a ~~website~~app that
doesn't work without
javascript

the web consists of
three pillars and
javascript
is one of them

users over authors
over implementors
over specifiers over
theoretical purity

– w3c html5 design principles

browser diversity

browser diversity

browser diversity

browser diversity

browser diversity

browser diversity

browser diversity

browser diversity

browser diversity

Allo

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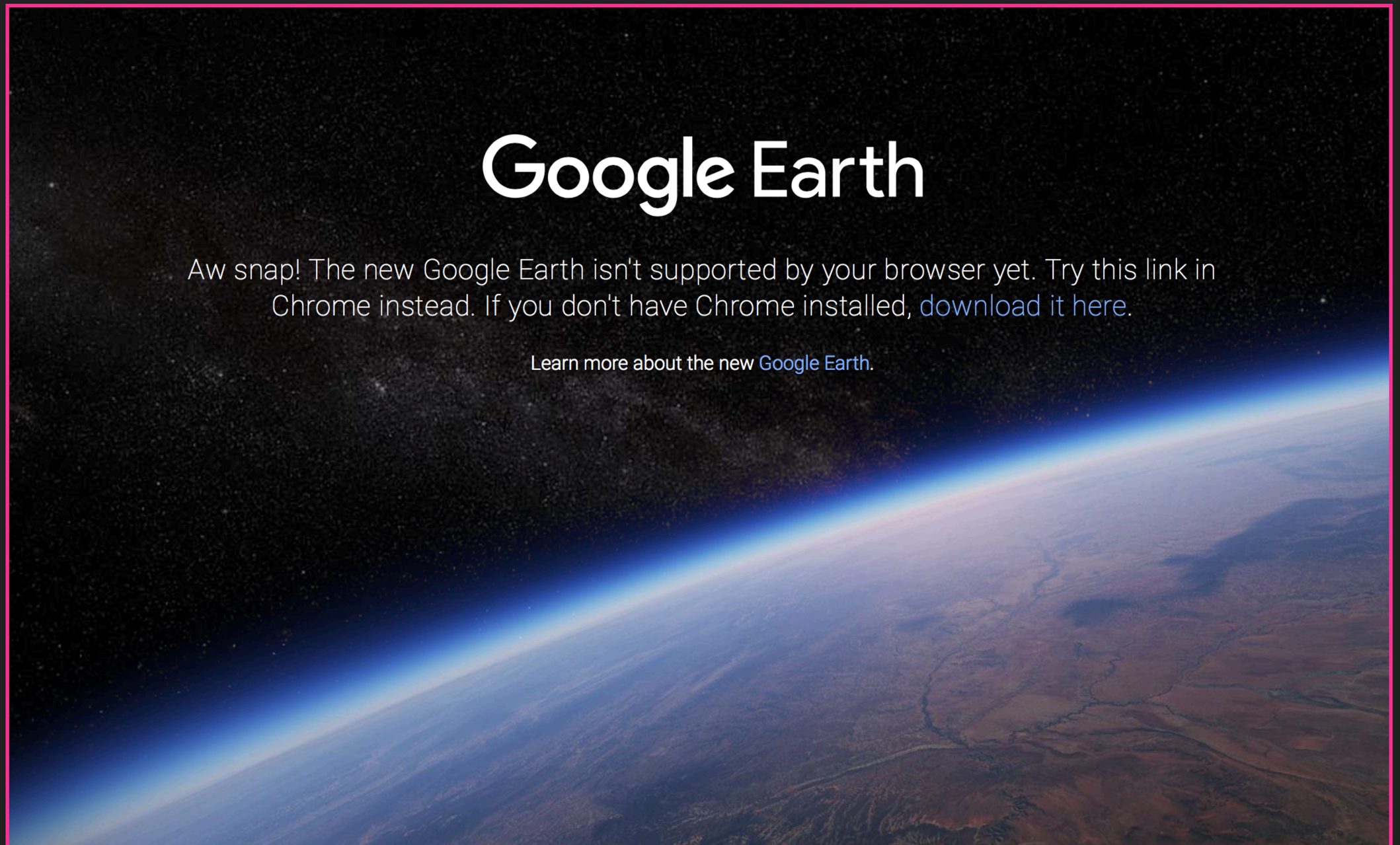
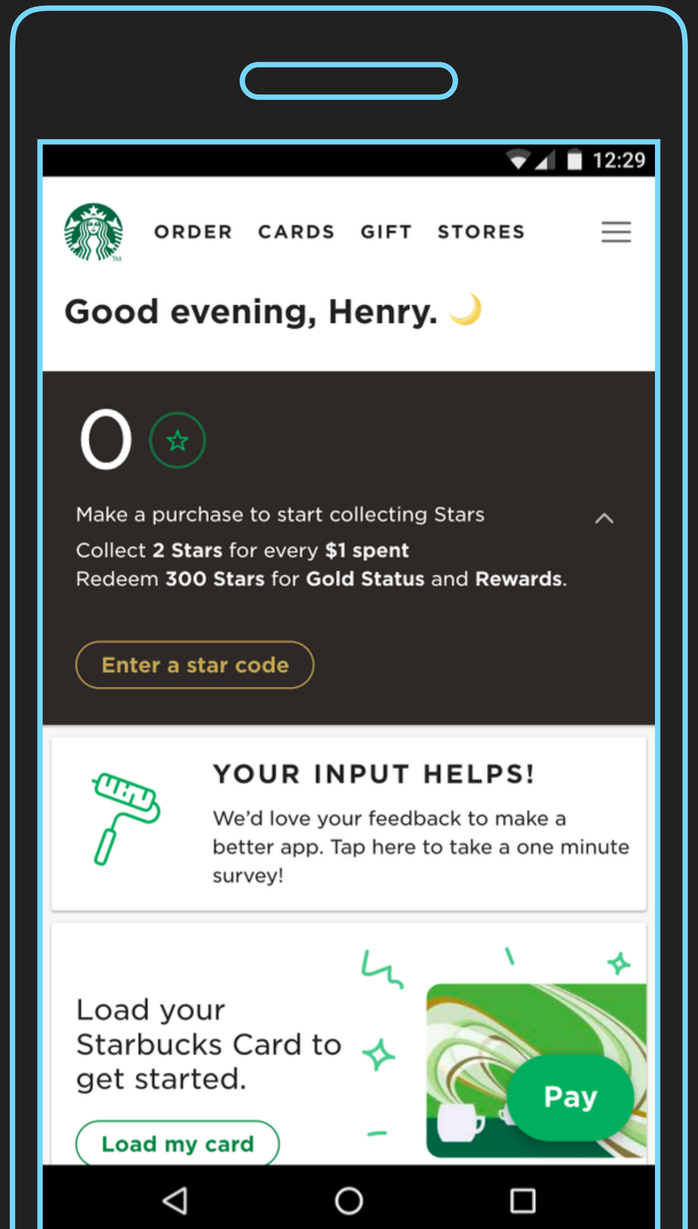
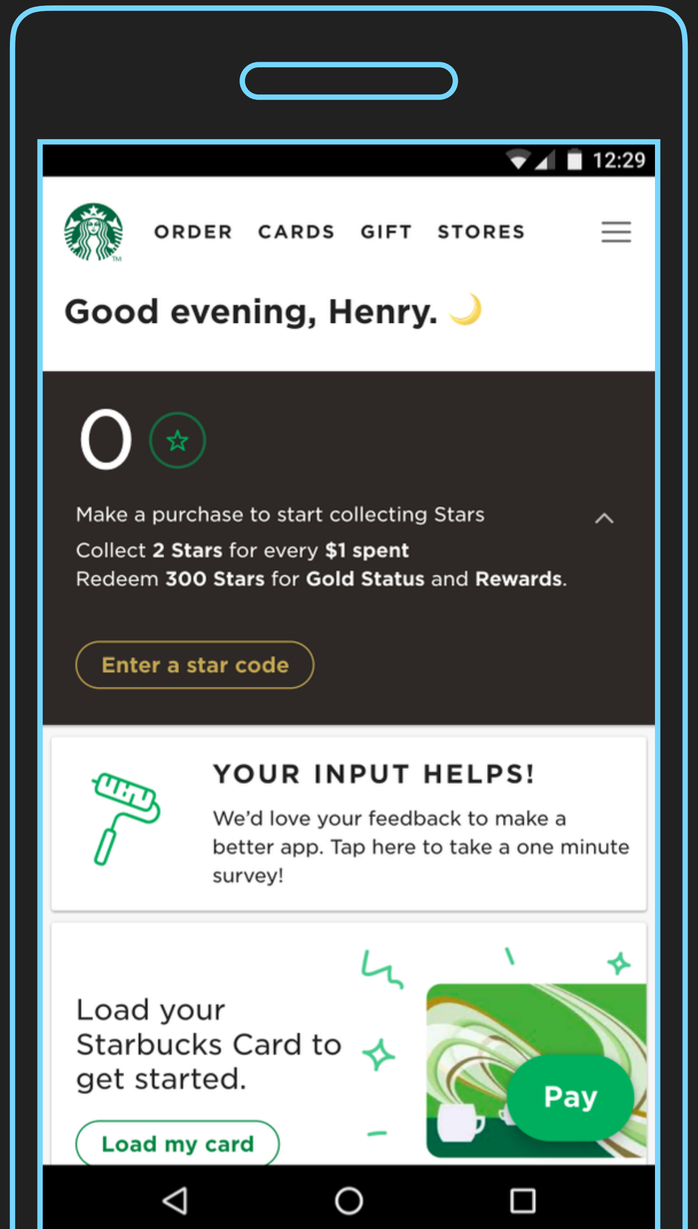

Google Earth
Aw snap! The new Google Earth isn't supported by your browser yet. Try this link in Chrome instead. If you don't have Chrome installed, download it here.
Learn more about the new Google Earth.


12:29
ORDER
CARDS
GIFT
STORES
Good evening, Henry.
0
Make a purchase to start collecting Stars
Collect 2 Stars for every $1 spent
Redeem 300 Stars for Gold Status and Rewards.
Enter a star code
YOUR INPUT HELPS!
We'd love your feedback to make a better app. Tap here to take a one minute survey!
Load your Starbucks Card to get started.
Load my card
Pay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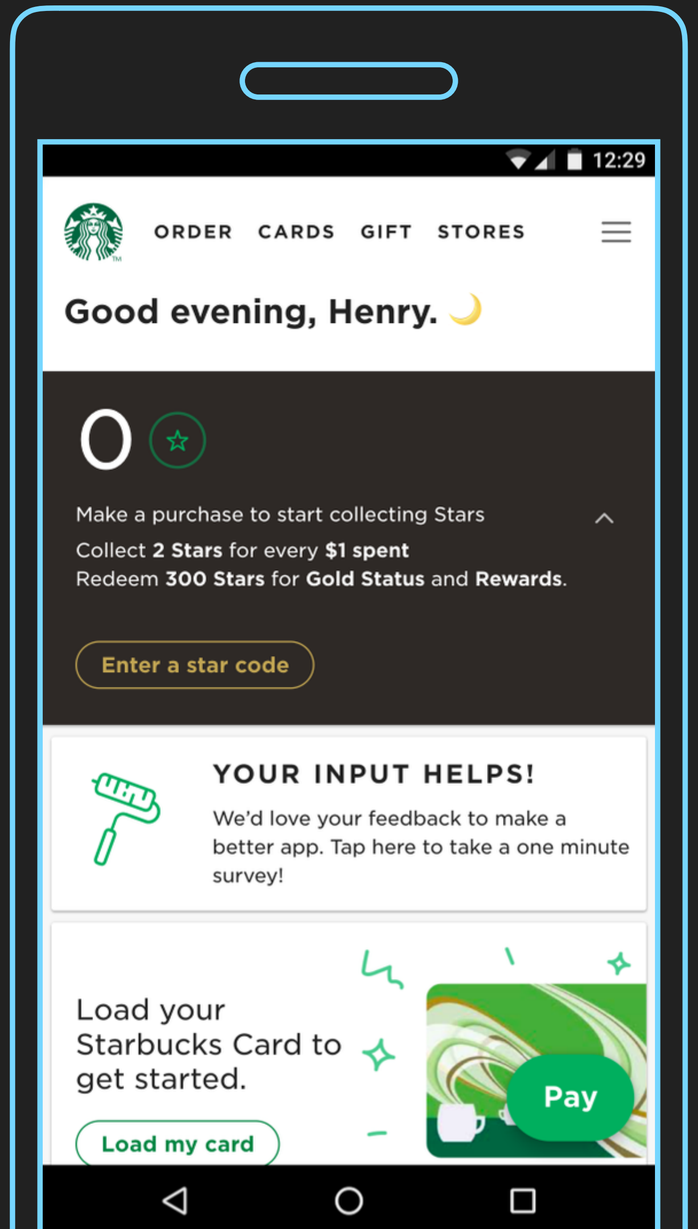
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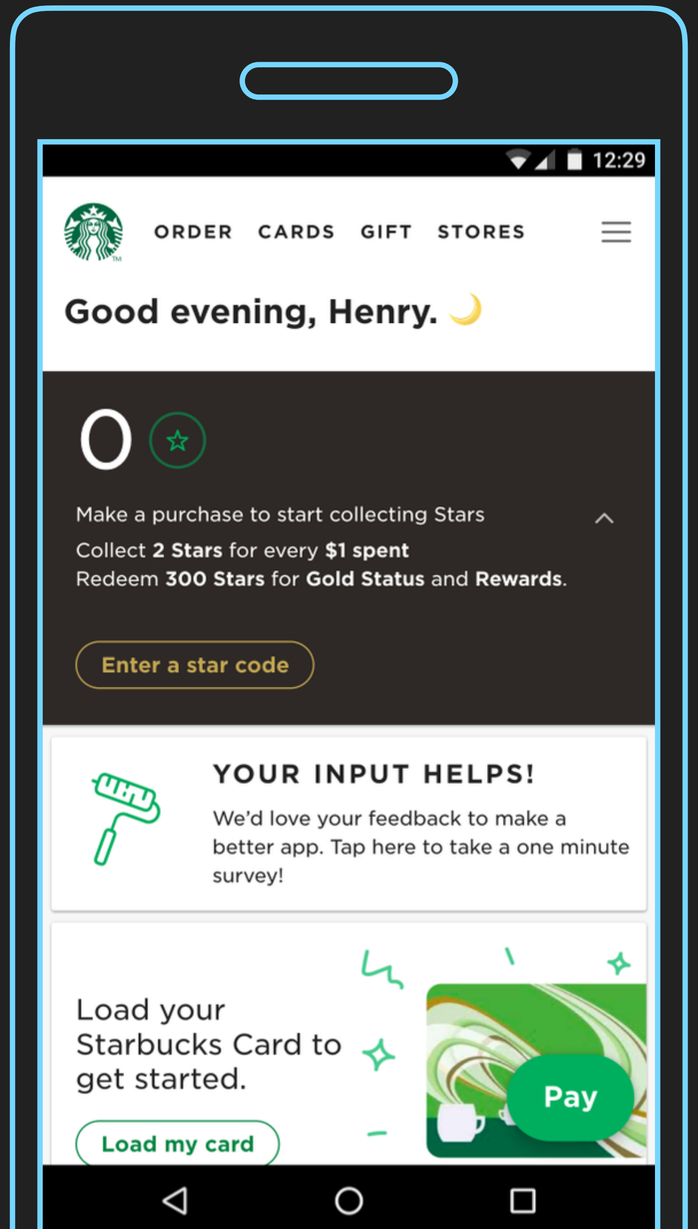
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Load my card
Pay

best viewed with

best viewed with

best viewed with

we don't develop
for browsers...

we develop for
the web

ten good things about bootstrap

consistency

#1

cheap

#2

free

#2

cheap

#3

easy

#4

#5

delight your
users

delight your
users

delight your
users

make things
a little bit
better

make things
a little bit
better

make things
a little bit
better

experiment

be happy